



EI-news

IRTS supporting Amateur Radio



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Galway 70cm Repeater EI7AKR Now Active



The Galway 70cm Repeater, EI7AKR, was installed at its new site on Sunday the 30th of May. Fortunately, there was good weather on this occasion which allowed the work on the antenna and mast to be carried out in comfort. A team of seven members of the Galway VHF Group were in attendance which made light work of the erection of the mast and antennas. The repeater had been set up beforehand and was installed alongside the APRS digipeater operating from the same site. Initial reports indicated good signal strengths from Westport, Castlebar, Knock and Galway City. The coverage map suggests that 90% of Co Galway is covered with some useful overlap into adjoining counties. The most recent reports came from the North of Nenagh and Cloughjordan. The parameters are as follows: RX on 430.825 MHz, TX on 430.825 MHz and use NBFM. Set CTCSS tones to 77 Hz. The timeout is set to 2.45 minutes. Please send reports to wrights1@eircom.net

Amateur Station Licence Examination



The next Amateur Station Licence Examination will be held on Thursday 29th June in the ComReg Offices in Dublin. Some applications have already been received and as numbers are limited those intending to sit the examination should apply soon. Full details, including entry procedure, examination fee and how to pay the fee on line are available at www.irts.ie/exam Please note that it is necessary to download the application form from the web page and forward the completed form and the appropriate fee so as to secure a place for the examination. If you pay the fee on line, you must complete and forward the application form. The closing date for receipt of completed applications is Monday 12th June.

Wexford Wireless Club

On Wednesday 3rd May Steve EI4KM will give a talk about Amateur Television (ATV) with a small demonstration, at the club meeting at 8.30pm sharp. All club members or anyone interested are welcome to attend. Wexford Wireless Club hold weekly meetings every Wednesday evening from 8pm to 10pm in Gorey Scout Hall just off Esmonde Street in Gorey, County Wexford. Everyone is very welcome. For more information about the club please contact the club secretary Michael Fitzgerald EI9GGB at QTHR or send an email to Wexfordwirelessclub@live.ie

Causeway Coast & Glens ARC Rally - Sunday 28th May

Bushmills Community Centre, 14 Dunluce Road, Co Antrim, BT57 8QG

Doors Open at 11 am, Fee Bring and Buy, Traders Stalls

Light Refreshments available, Free Parking on Site.

Admission £3.00

C4FM Net

The Yaesu Fusion C4FM Net continues on the Limerick Repeater on Sunday nights at 8pm. The purpose of this net is to promote the Digital mode C4FM and give everybody a chance to try their equipment on air. Any new or developments would be discussed on this net. If you are in the catchment area of the Limerick Repeater please make every effort to join in.

Contact: Steve, EI5DD wrights1@eircom.net

Brandmeister Digital Server for Ireland



The Brandmeister Digital Network will be establishing a server in Ireland. This will be of particular interest to anybody involved in setting up DMR Digital Repeaters or Digital Gateways incorporating DMR. The announcement was made during the talks at the IRTS weekend organised by the Dundalk Amateur Radio Society. This server will enable fast access into the DMR network. In addition, it is planned to establish the FCS and YSF servers alongside to cater for Yaesu Fusion network operation. Further details maybe obtained from wrights1@eircom.net

Windmills on the Air Weekend



National Mills Weekend is the annual festival of milling heritage and provides you with a fantastic opportunity to visit mills, many of which are not usually open to the public. In 2017 it will take place on the 13th and 14th May and we hope even more mills than in previous years will open their doors and welcome visitors. Until the advent of the steam engine, wind and watermills provided the only source of power for many different processes - from making flour, paper, cloth to hammering metal and extracting oils. You can explore mills that produced, or still produce these products, some restored to working order, some derelict, some still working commercially. If you wish to operate a Mills on the Air station register at <http://www.mills-on-the-air.net/?PAGE=register>

36th Lough Erne Rally

Sunday 14th May

The Share Centre, Nr Lisnakea, Co Fermanagh BT92 0EQ

Doors Open 11:30am

Bus Eireann Service 30 to/from Derrylin

Connection via SHARE bus

Tables Free Contact Mark, EI4HDB

More Info: www.learc.eu

Wild Atlantic Way

Another month of generally poor band conditions, however, the logs continue to come in and we now have five counties with more than 5,000 QSOs in the log, with Cork achieving over 10,000 and Leitrim overtaking Clare to second place. Current standings as follows, including all logs received to 25th April.

Cork	EI99WAW	10,406
Leitrim	EI22WAW	8088
Clare	EI66WAW	7913
Sligo	EI33WAW	5457
Kerry	EI88WAW	5053

Limerick	EI77WAW	4171
Donegal	EI11WAW	3775
Mayo	EI44WAW	3364
Galway	EI55WAW	2365

Total QSO 50,592

Total number of "Worked all 9" Certificates issued 171

Total number of QSL cards processed approx 4,700

All information on using one of the calls available on the IRTS website.

Latest Arrivals on 5MHz

The Malta Communications Authority, the island's telecomms regulator, published its new National Frequency Plan (NFP) in April 2017. This includes the new WRC-15 60m amateur secondary allocation of 5351.5 to 5366.5 kHz. Maximum power permitted is 15W EIRP

Amateurs in the United Arab Emirates (UAE) have access to 60m. The UAE National Frequency Plan published by the national regulator, TRA, The Telecommunications Regulatory Authority, shows the WRC-15 Secondary allocation of 5351.5 to 5366.5 kHz together with ITU footnote 5.133B which indicates that the maximum power permitted is 15W EIRP.

Market Reef Activation

Pasi, OH3WS, will once again be active as OJ0W from Market Reef (EU-053) between May 6-7th. Activity will be on 20 to 6 meters using CW and SSB. Pasi will try 60m on both CW and SSB, listen on 5354 kHz. QSL via his home callsign.

Amsat-UK Test ESEO Payload Command Link



AMSAT-UK are providing an amateur radio 1260/145 MHz FM transponder and a 145 MHz BPSK telemetry beacon for the European Student Earth Orbiter (ESEO) satellite. Over the weekend of April 22-23, 2017, AMSAT-UK members met at the Surrey Space Centre to conduct some final testing of the command uplink on the Engineering Model of their payload which will launch on the European Space Agency ESEO mission. The payload, which will transmit 1k2 and 4k8 BPSK telemetry on 145.895 MHz, was set up in the Arthur C Clarke building, with the AMSAT-UK team sending commands on L-band (1260 MHz) from some distance away in the university grounds. A large string of attenuators simulated the path loss to low Earth orbit, while the VHF telemetry confirmed the level of signal received at the 'spacecraft antenna' and that the commands had been executed correctly. With the lab and range testing declared a success, work now begins on constructing the Flight Model hardware. This is due for delivery by the middle of the summer so that it can be integrated into the 50 kg microsat. ESEO is expected to be launched late this year or in the first quarter of 2018. More information at: <https://amsat-uk.org/satellites/communications/eseo/>

Radio Fraternity Lodge Supports YOTA 2017

Radio Fraternity Lodge no. 8040 was formed in London in 1965 by one-time RSGB Manager, John Clarricotes G6CL, along with many other leading radio amateurs of the day who were also Freemasons. The Radio Fraternity Lodge is still a London based Lodge and has always been principally composed of RSGB members. Since its foundation, it has raised many thousands of pounds for charity including the Radio Communications Foundation. The Lodge has decided to donate some of its funds to become a supporter of the *Youth On The Air 2017* event at Gilwell Park in August. The Lodge sees the importance of supporting amateur radio activity amongst the young and is looking for like-minded people to join them in raising money for such causes.

More info: radiofraternitysecretary@gmail.com



Mahe Island

Ivan, LZ1PJ, will be active as S79J from the Lemongrass Lodge on Mahe Island (AF-024) between May 2-10th. Activity will be holiday style on various HF bands on CW only using an Icom IC-706, LDG ATU and simple antennas. QSL via his home callsign, direct, by the Bureau and possibly LoTW.

Contests – May 2017

[WA7BNM Contest Calendar](#) : [RSGB HF Contests](#) : [UKEICC Contests](#) : [IRTS Contests](#)

Mon 1	19:00	90 mins	RSGB CC SSB	80m, work UK only, exchange Serials
Sat 6	12:00	24 hours	ARI DX CW/SSB/RTTY	80-10m, work everyone, send Serial, log province
Sun 7	12:00	2 hours	IRTS 40m Counties SSB/CW	work everyone, send Serial, County
Wed 10	19:00	90 mins	RSGB CC Data	80m, work UK only, exchange Serials
Sat 13	12:00	24 hours	CQ-M CW/SSB	160-10m, work everyone, exchange Serials
Sat 20	12:00	24 hours	King of Spain CW	160-10m, work everyone, send Serial, log province
Sat 20	21:00	5 hours	Baltic CW/SSB	80m, work everyone, exchange Serials
Thu 25	19:00	90 mins	RSGB CC CW	80m, work UK only, exchange Serials
Sat 27	00:00	48 hours	CQ WPX CW	160-10m, exchange Serials, work everyone
Every	Wed	60 mins	CWops Mini Contests	160-10m, three separate CW contests

List compiled by Joe [EI7GY](#) (All times are UTC)